

METAL BANK NPL SITE  
PHILADELPHIA, PA

MEETING MINUTES  
WEEKLY PROGRESS MEETING  
AUGUST 13, 2009

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The meeting for the Metal Bank Site was conducted on Thursday, August 13, 2009 at the Metal Bank Site located at 7301 Milnor St., Philadelphia, PA.

**Attendees:**

Field Office

Michael Muth	Sevenson
Wayne Kostuk	Sevenson
Michael Welch	Sevenson
Robert Volker	Sevenson
Wyatt Beougher	Sevenson
Joe Vitale	Malcolm Pirnie
Steve Langseder	Malcolm Pirnie
Meredith Langille	Malcolm Pirnie
Mike Welsh	IQAT
Sharon Fang	EPA
Joshua Barber	EPA
Charles Nicholas	USACE
(b) (4)	CDM

Via Teleconference

Wyn Davies	Malcolm Pirnie
Ben Henry	PECO
Mark Conaron	PADEP
Paul Hagerty	IQAT

**Topics Discussed:**

**1. Health & Safety –**

- Continued mobilization/Erosion Controls/Temp Sheet Pile Wall
  - 1. Sevenson is continuing key features of work in the field. Sevenson had 2,522 hours at the week ending of 8-9-09. Sevenson continued to address issues in a timely manner. Sevenson has a new crane and barges are onsite. Crane inspections and barge inspections are being performed, access and egress is being setup and copies will be available this

afternoon. Severson had another successful week and site work for the week of 8/9/09 and there were no health and safety issues.

- **Previous Meeting Minutes**

- Severson will share the Bathymetric Survey with the group

- **Handouts –**

- Two Week Look-ahead schedule

- **Week Ending 8-9-09**

- Severson continued to mobilize equipment, personnel and material as necessary – Delivered tandem dump truck, marine mattress lifting frame, Sheet piling, welder, misc. materials, etc
- Severson continued the installation of super silt fence in the mud flat area.
- Severson completed background turbidity monitoring (required 7 days).
- Severson continued the installation of tiebacks / sleeves on the permanent sheet pile wall – 46 out 46 installed to date. Installed Nuts and plates, tightened and placed high billed epoxy around annulus. Extended tiebacks with couplers as necessary.
- Severson continued to repair the permanent sheet pile wall. Patch holes and Epoxy coating.
- Severson continued construction on the temporary WWTP plant along with the 2-inch HDPE force main piping. (Performed leak test and obtained 1<sup>st</sup> sample – awaiting sample results).
- Severson / ABC cleaned and repaired the soil staging pad. (Patched cracks, low spots and sealed pad for enhanced wear surface).
- Severson, Malcolm Pirnie and Tensar inspected the previously constructed marine mattresses for potential future use. (4 deemed unusable by Tensar Representative). Tensile test results.
- Severson cleared weeds at Milnor Street Entrance Gate.
- Severson continued to update haul / access roads and tracking pads.
- Severson continued general site housekeeping. Graded low spots with dozer to minimize ponding water.
- Severson continued to fabricate the marine mattress assembly frame (NF Yard).
- Severson / Durabond continued to fabricate King Piles for temporary sheet pile wall.

- **Planned activities week ending 8-16-09**

- Severson to complete the installation of tiebacks on the permanent sheet pile wall. (Possible additional tiebacks pending AMEC inspection).

- Severson to continue backfilling tiebacks with Structural Fill material from ABC Construction. (ANS Consultants to continue compaction testing).
  - Severson to continue repairs on the permanent sheet pile wall. (Epoxy, patch holes, repair waler as necessary).
  - Severson to continue the installation of super silt fence in the mudflat area along with turbidity controls – oil absorbent boom and turbidity curtain.
  - Severson / ABC Construction to continue placement of jersey barriers on the soil staging pad for stockpiling / delineation / sampling purposes.
  - Severson to lace deep water silt curtain and initiate deployment in temporary sheet pile wall area (downstream). (Install hard oil boom and absorbent boom).
  - Severson / AmQuip to mobilize and assemble the Manitowoc 555 (150-ton) crane in the Weeks Marine – Camden, NJ yard.
  - Severson / Hay's Tug Service to mobilize the crane barge and (2) work barges from Weeks Marine
  - Severson / Cable Arm Inc to install ClamVision (GPS) software and equipment on the Manitowoc 2250 (300 ton) crawler crane.
  - Cable Arm to deliver 3 ¾ CY Environmental Clam Shell bucket.
  - Severson to fabricate and deliver conventional digging bucket.
  - Severson / Durabond to continue fabrication of the King Piles for Temporary Sheet Pile Wall.
  - Severson to complete fabrication of marine mattress assembly frame.
  - Severson to initiate Excavation Operations in the mudflat area pending installation of controls.
  - Severson / Rettew to continue site survey activities (silt curtain lay out, temporary sheet pile wall layout and permanent sheet pile wall / tieback wall (Extra) layout
  - Severson to continue / complete mobilization of equipment, personnel and materials
  - Severson to continue general housekeeping and site maintenance.
  - Severson to update / maintain haul roads as necessary
  - Severson to maintain erosion and sediment controls as needed
  - Severson to continue turbidity monitoring with (4) YSI turbidity monitors.
  - Severson to operate and maintain the temporary WWTP plant as necessary.
- **Work scheduled for upcoming week 8-23-09**
    - Severson to continue backfilling behind sheet pile wall with Structural fill material.
    - Severson to continue / initiate mud flat area Excavation Operations.
    - Severson to initiate installation of the temporary sheet pile / turbidity containment wall.

- Severson to continue to install the deep water silt curtain along with oil containment boom and oil absorbent boom.
  - Severson to initiate construction of the remaining marine mattresses (35') at a TBD offsite location pending approval.
  - Severson to continue to receive steel sheet pile deliveries (King Piles, Waler material) for construction of the temporary sheet pile wall.
  - Severson to continue turbidity monitoring with (4) YSI turbidity monitors.
  - Severson to maintain erosion and sediment controls as necessary.
  - Severson to maintain access roads / tracking pad as necessary.
  - Severson to continue general housekeeping and site maintenance.
  - Severson to operate and maintain the temporary WWTP plant as necessary.
  - Severson / Rettew to continue site survey activities as necessary.
- **Schedule**
    - No significant changes in schedule. End date remains the same.
- **Quality Control**
    - Submittal 106S-Epoxy Protective Coatings
    - Compaction behind sheet pile wall-Bridge Lift (Approved)
    - Preparatory Meetings scheduled for Friday 8/14/09 (Sediment Excavation and Temporary Sheet Pile Wall Installation)
- **Items for discussion**
    - Clam Vision Power point presentation by Cable Arm today at 3:00 p.m.
    - USACE/EPA is pleased with site at this point.
    - Severson to update submittal log in MP office (Hard Copy)
- **Other issues**
    - Severson will rework grades outside of work zone to minimize water migration from clean zone into the exclusion zone.
- **Action items**
    - None
- **Next Meeting** – Next meeting will on Thursday, August 20th, 2009 at 10:00 A.M. Call-in number is: (610) 994-9940 Passcode: 177